

PRELIMINARY AMENDMENT  
U.S. Application No. 09/673,614

Our Ref.: Q61365  
Art Unit: 2833

**REMARKS**

Entry and consideration of this Amendment is respectfully requested.

Respectfully submitted,



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**APPENDIX**

**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**IN THE CLAIMS:**

**The claims are amended as follows:**

1. (Twice Amended) A connector, comprising:

a spring contact for use in a connector, wherein said ~~which~~ spring contact is substantially U-shaped and has first and second branches ~~two branches~~ and a base joining said first and second ~~the two~~ branches at one end for forming said U-shape, and wherein each of said first and second branches ~~being adapted to make~~ electrical contact with a device, characterized in that said first and second ~~the two~~ branches lie in two diverging planes and the intersection of said two planes is within the base of the U-shape.

2. (Twice Amended) A ~~spring contact~~connector according to claim 1, characterized in that one ~~branch of~~ said first and second branches and the base are coplanar.

3. (Twice Amended) A ~~spring contact~~connector according to claim 1, characterized in that the electrical contact of at least one ~~branch of~~ said first and second branches is at the free end of said branch.

4. (Twice Amended) A ~~spring contact~~connector according to claim 1, characterized in that one ~~branch of said first and second branches~~ is adapted to come into contact with a printed circuit and the other ~~branch of said first and second branches~~ is adapted to come into contact with a battery.

5. (Three Times Amended) An electrical connector, comprising:

~~having~~ a first face,

~~and~~ a second face opposite the first face, and

~~the connector including~~ at least one housing for receiving a spring contact and opening onto both of said first and second faces,

wherein said spring contact ~~being is~~ substantially U-shaped and ~~having two~~ has first and second branches and a base joining ~~the two~~ said first and second branches at one end for forming said U-shape, each ~~branch being adapted to~~ of said first and second branches make electrical contact with a device, characterized in that ~~the two~~ said first and second branches lie in two diverging planes and the intersection of said two planes is within the base of the U-shape; and

wherein the spring contact is positioned in the housing so that the plane containing the base of the U-shape is substantially parallel to respective planes of the faces of the connector.

8. (Twice Amended) A connector according to claim 5, characterized in that one ~~branch~~  
of said first and second branches of the spring contact projects from the housing.

9. (Twice Amended) A connector according to claim 5, including a plurality of housings  
each receiving a respective spring contact according to any of claims 1 to 4, characterized  
in that the spring contacts in two adjacent housings are positioned so that they are  
substantially parallel but the opposite way round to each other, one of said first and  
second branches ~~branch~~ of one contact being adjacent the other ~~branch~~ of said first and  
second branches of the adjacent contact.